



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of: GRAUMANN

Serial No.: Not yet assigned

Filing Date: Filed herewith

For: METHOD AND APPARATUS FOR  
ADAPTIVELY PRE-SHAPING AUDIO  
SIGNAL TO ACCOMMODATE  
LOUDSPEAKER CHARACTERISTICS

)  
)  
) Examiner: Not yet assigned

)  
) Group Art Unit: Not yet assigned

)  
) Attorney Docket No.: P16485

**MS PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)**

Sir:

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled: **METHOD AND APPARATUS FOR ADAPTIVELY PRE-SHAPING AUDIO SIGNAL TO ACCOMMODATE LOUDSPEAKER CHARACTERISTICS**

and invented by: **GRAUMANN**

Enclosed are:

1. ☒ Filing Fee as calculated and transmitted as described below
2. ☒ Specification having 23 pages and including the following:
  - a. ☒ Descriptive Title of the Invention

- b. ☐ Cross references to Related Applications (*if applicable*)
- c. ☐ Statement Regarding Federally-sponsored Research/Development
- d. ☐ Reference to Microfiche Appendix (*if applicable*)
- e. ☒ Background of the Invention
- f. ☐ Brief Summary of the Invention
- g. ☒ Brief Description of the Drawings (*if drawings filed*)
- h. ☒ Detailed Description
- i. ☒ Claim(s) as Classified Below
- j. ☒ Abstract of the Disclosure
- 3. ☒ Drawing(s) (*when necessary as prescribed by 35 USC 113*)
  - a. ☒ Formal      Number of Sheets 8
  - b. ☐ Informal      Number of Sheets
- 4. ☒ Oath or Declaration
  - a. ☒ Newly executed (*original or copy*)      ☐ Unexecuted
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))
  - c. ☒ With Power of Attorney      ☐ Without Power of Attorney
  - d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the Prior Application, see 37. CFR 1.63(d)(2) and 1.33(b).
- 5. ☐ Incorporation By Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- 6. ☒ Assignment Papers (*cover sheet & documents(s)*)
- 7. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
- 8. ☐ English Translation Document (*if applicable*)
- 9. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
- 10. ☐ Preliminary Amendment
- 11. ☒ Acknowledgement Postcard
- 12. ☒ Mailed Via  
☐ First Class      ☒ Express Mail (*Specify Label No.*) **EV334067438US**
- 13. ☐ Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
- 14. ☐ Request and Certification under 35 USC 122(b)(2)(B)(i) (*attach PTO/SB/35*)
- 15. ☒ Additional Enclosures: Credit Card Payment Form

**FEE CALCULATION**

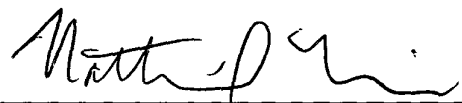
For	No. Filed	No. Allowed	No. Extra	Rate	Fee
Total Claims	42	- 20	22	\$ 18.00	\$ 396.00
Indep. Claims	6	- 3	3	\$ 84.00	\$ 252.00
Multiple Dependent Claims (If applicable, please add \$ 260.00)					\$ 0.00
<b>BASIC FEE</b>					\$ 750.00
<b>OTHER FEE</b> (specify purpose):					\$ 0.00
<b>TOTAL FILING FEE</b>					<b>\$1,398.00</b>

Credit Card Authorizations for **\$1,398.00** and **\$40.00** are enclosed.

In addition, the Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1852 as described below. A duplicate copy of this sheet is enclosed.

- ☒ Credit any overpayment.  
☒ Charge any additional fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,



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June 25, 2003  
Date